

BIRCH, STEWART, KOLASCH & BIRCH, LLP

INTELLECTUAL PROPERTY LAW
8110 GATEHOUSE ROAD
SUITE 500 EAST
FALLS CHURCH, VA 22042-1210
USA

(703) 205-8000

FAX: (703) 205-8050
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com
web: http://www.bskb.com

CALIFORNIA OFFICE
COSTA MESA, CALIFORNIA

IRRELL C. BIRCH
RAYMOND C. STEWART
JOSEPH A. KOLASCH
JAMES M. SLATTERY
BERNARD L. SWEENEY*
MICHAEL K. MUTTER
CHARLES GORENSTEIN
GERALD M. MURPHY, JR
LEONARD R. SVENSSON
ANDREW D. MEIKLE
MARC S. WEINER
JOE MCKINNEY MUNCY
ROBERT J. KENNEY
JOHN W. BAILEY
MARK J. NUELLE, PH.D.
JAMES T. ELLER, JR.
D. RICHARD ANDERSON

OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
ELLIOT A. GOLDBERG*
WILLIAM L. GATES*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)*
F. PRINCE BUTLER
FRED S. WHISENHUNT
JAMES W. HELLWEGE

*ADMITTED TO A BAR OTHER THAN VA

SCOTT L. LOWE
PAUL C. LEWIS
RICHARD J. GALLAGHER
JAYNE M. SAYDAH*
MARYANNE ARMSTRONG, PH.D.
KECIA J. REYNOLDS
ROBERT L. SCOTT, II
KALPANA REDDY
MARK E. OLDS
ESTHER H. CHONG
CATHERINE M. VOISSE
EUGENE T. PEREZ

REG. PATENT AGENTS
FREDERICK R. HANDRE
MAKI HATSUMI
CRAIG A. McROBBIE
GARTH M. DAHLEN, PH.D.
ROBERT E. GOOZNER, PH.D.
KRISTI L. RUPERT, PH.D.
MATTHEW T. SHANLEY
SUSAN W. GORMAN, PH.D.
DAVID J. CHO
ROBERT W. DOWNS

USPTO
10/085052
03/01/02

Date: March 1, 2002
Docket No.: 0234-0442P-SP

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

As authorized by the inventor(s), transmitted herewith for filing
is a patent application applied for on behalf of the inventor(s)
according to the provisions of 37 CFR 1.41(c).

Inventor(s): OKADA, Tatsuhiro
ISHIMARU, Shin-ya; OGURO, Keisuke
ISHIDA, Masayoshi; YOSHITAKE, Masaru

For: FUEL CELL

Enclosed are:

- X A specification consisting of 19 pages
- X 4 sheet(s) of FORMAL drawings
- Certified copy of Priority Document(s)
- X Executed Declaration in accordance with 37 CFR 1.64 will follow
- Applicant claims small entity status in accordance with 37 CFR 1.27
- Preliminary Amendment

- X Information Sheet
- Information Disclosure Statement, PTO-1449 with reference(s)
- Application Data Sheet in accordance with 37 CFR 1.76
- Other _____
- Applicant requests early publication

The filing fee has been calculated as shown below:

LARGE ENTITY

SMALL ENTITY

30%000"350000"

FOR	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE	***** ***** *****	***** ***** *****	***** ***** *****	\$740.00	or	**** **** ****	\$370.00
TOTAL CLAIMS	9 - 20 =	0	x18 =\$	0.00	or	x 9 = \$	0.00
INDEPENDENT	1 - 3 =	0	x84 =\$	0.00	or	x 42 = \$	0.00
MULTIPLE DEPENDENT CLAIM PRESENTED	<u>no</u>		+280 = \$	0.00	or	+140 = \$	0.00
				TOTAL \$	740.00	TOTAL \$	0.00

- X The application transmitted herewith is filed in accordance with 37 CFR 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed patent application together with the surcharge will be forwarded in due course.
- X A check in the amount of \$ 740.00 to cover the filing fee and recording fee (if applicable) is enclosed.
- The Government Filing Fee will be paid at the time of completion of the filing requirement.
- Please charge Deposit Account No. 02-2448 in the amount of \$ _____. A triplicate copy of this transmittal form is enclosed.

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292
P. O. Box 747
Falls Church, Virginia 22040-0747
Telephone: (703) 205-8000

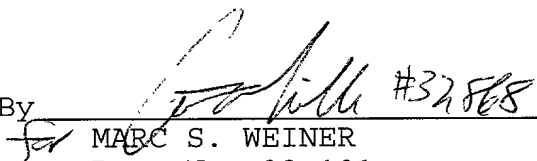
____ No fee is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

 #32568

MARC S. WEINER
Reg. No. 32,181
P. O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000

MSW/sll

2010020 25053001